

4-13-01

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<div style="display: flex; align-items: center;"> <div> <p><b>UTILITY PATENT APPLICATION TRANSMITTAL</b></p> <p>for new nonprovisional applications under 37 CFR 1.53(b)</p> </div> </div>	Attorney Docket No. HALEOS.2001/124	Total Pages 1	First Named Inventor or Application Identifier Dan Steinberg	Title: <b>FIBER OPTIC ARRAY SWITCH</b>	Express Mail Label No. <b>EL182471284US</b>	Date Mailed April 12, 2001
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**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below)            (Total Pages [ 35 ] )</p> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R&amp;D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p><input checked="" type="checkbox"/> Drawing(s) (35 USC 113) (Total Sheets ( 12 )</p> <p><input type="checkbox"/> Oath or Declaration (Total Pages (    )</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 Below]</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p><input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p>	<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>
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**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))

9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

14. ☒ Applicant Claims Small Entity Status

15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Other: \_\_\_\_\_

17. a. **If a CONTINUING APPLICATION**, check appropriate box and supply requisite information.

☐ Continuation    ☐ Divisional    ☐ Continuation-in-part (CIP)

of the following application(s), each of which is hereby incorporated herein by reference:

b. **Priority Applications**  
In addition to any applications listed in 17a, the present application also claims priority to the following application(s), each of which is hereby incorporated herein by reference.

U.S. Provisional Application 60/197,120, filed on April 14, 2000. Applicant, Dan Steinberg. Title "2-Dimensional Fiber Array Switch."

**18. CORRESPONDENCE ADDRESS**

☒ Customer Number **26086** or  
**HALEOS**  
3150 State Street  
Blacksburg, Virginia 24060  
Phone (540) 553-3708      Facsimile (540) 553-3717

to the attention of the individual identified below.

John S. Child, Jr.  
PTO Registration No. 28,833

April 12, 2001

# FEE TRANSMITTAL

Complete if known

Application Number **Not yet assigned**

Filing Date **April 12, 2001**

First Named Inventor **DAN STEINBERG**

Group Art Unit

Examiner Name

TOTAL AMOUNT OF PAYMENT: (1)+(2)+(3) = \$ 859.00

Attorney Docket Number **HALEOS.2001/124**

## METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to:

- ☐ Charge indicated fees  
☒ Charge additional fees  
☒ Credit overpayments

to the account of **DANN, DORFMAN, HERRELL AND SKILLMAN**

Deposit Account Number 04-1406

2. Payment enclosed:

Check in the amount of \$ 859.00

Check No. 28630

## FEE CALCULATION

### 1. FILING FEE

Fee Description	Fee Paid
Utility filing fee	<u>355.00</u>
Design filing fee	<u>          </u>
Plant filing fee	<u>          </u>
Reissue filing fee	<u>          </u>
Provisional filing fee	<u>          </u>
<b>SUBTOTAL (1)</b>	<b>\$ <u>355.00</u></b>

### 2. CLAIMS

	Extra	Fee	Fee Paid
Total Claims Presented	<u>76</u>	<u>- 20</u>	<u>= 56 x 9.00 = \$504.00</u>
(a)			
Independent Claims Presented	<u>2</u>	<u>- 3</u>	<u>= 0 x 41.00 = 0</u>
(b)			
Multiple Dependent Claim (first presentation)			<u>= 0</u>
(a) Enter 20 or number previously paid for			
(b) Enter 3 or number previously paid for			
<b>SUBTOTAL (2)</b>			<b>\$ <u>504.00</u></b>

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Fee Description	Fee Paid
Surcharge-late filing fee or oath	<u>          </u>
Surcharge - late provisional filing fee or cover sheet	<u>          </u>
Non-English specification	<u>          </u>
For filing a request for reexamination	<u>          </u>
Requesting publication of SIR prior to Examiner action	<u>          </u>
Requesting publication of SIR after Examiner action	<u>          </u>
Extension for response within first month	<u>          </u>
Extension for response within second month	<u>          </u>
Extension for response within third month	<u>          </u>
Extension for response within fourth month	<u>          </u>
Notice of Appeal	<u>          </u>
Filing a brief in support of an appeal	<u>          </u>
Request for oral hearing	<u>          </u>
Petition to institute a public use proceeding	<u>          </u>
Petition to revive unavoidably abandoned application	<u>          </u>
Petition to revive unintentionally abandoned application	<u>          </u>
Issue fee	<u>          </u>
Petitions to the Commissioner	<u>          </u>
Petitions related to provisional applications	<u>          </u>
Submission of Information Disclosure Statement	<u>          </u>
Recording each patent assignment per property (times number of properties)	<u>          </u>
Filing a submission after final rejection (37 CFR 1.129(a))	<u>          </u>
For each additional invention to be examined (37 CFR 1.129(b))	<u>          </u>
Other fee (specify) <u>                                  </u>	<u>          </u>
Other fee (specify) <u>                                  </u>	<u>          </u>

**SUBTOTAL (3) \$ 0**

Submitted By:

Typed or

Printed Name John S. Child, Jr. Reg. Number 28,833

Deposit Account User ID 04-1406

Signature John S. Child, Jr. Date April 12, 2001